



Appendix B. Radiated Spurious Emission

Test Engineer :	Lewis He	Temperature :	23~24°C
		Relative Humidity :	50~51%

15E Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5135.9	62.04	-11.96	74	54.56	31.96	32.57	8.09	260	291	P	H	
		5149.7	45.91	-8.09	54	38.41	31.98	32.57	8.09	260	291	A	H	
	*	5183	105.06	-	-	97.41	32.02	32.57	8.2	260	291	P	H	
	*	5183	96.99	-	-	89.34	32.02	32.57	8.2	260	291	A	H	
													H	
														H
			5136.35	58.7	-15.3	74	51.22	31.96	32.57	8.09	111	271	P	V
			5140.55	43.81	-10.19	54	36.31	31.98	32.57	8.09	111	271	A	V
	*		5180	102.14	-	-	94.49	32.02	32.57	8.2	111	271	P	V
	*		5180	94.59	-	-	86.94	32.02	32.57	8.2	111	271	A	V
													V	
802.11a CH 44 5220MHz		5035.55	51.91	-22.09	74	44.9	31.84	32.57	7.74	266	291	P	H	
		5144	42.43	-11.57	54	34.93	31.98	32.57	8.09	266	291	A	H	
	*	5220	105.51	-	-	97.56	32.08	32.57	8.44	266	291	P	H	
	*	5220	97.54	-	-	89.61	32.06	32.57	8.44	266	291	A	H	
			5441.63	51.22	-22.78	74	41.99	32.32	32.57	9.48	266	291	P	H
			5437.45	43.99	-10.01	54	34.68	32.32	32.57	9.56	266	291	A	H
			5133.5	51.74	-22.26	74	44.26	31.96	32.57	8.09	102	272	P	V
			5138.15	41.69	-12.31	54	34.21	31.96	32.57	8.09	102	272	A	V
	*		5220	103.05	-	-	95.1	32.08	32.57	8.44	102	272	P	V
	*		5220	95.65	-	-	87.72	32.06	32.57	8.44	102	272	A	V
			5400.93	50.62	-23.38	74	41.27	32.28	32.57	9.64	102	272	P	V
			5437.56	43.17	-10.83	54	33.86	32.32	32.57	9.56	102	272	A	V



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 48 5240MHz		5094.8	51.24	-22.76	74	43.92	31.92	32.57	7.97	267	297	P	H
		5128.7	41.62	-12.38	54	34.14	31.96	32.57	8.09	267	297	A	H
	*	5243	106.58	-	-	98.37	32.1	32.57	8.68	267	297	P	H
	*	5243	98.4	-	-	90.19	32.1	32.57	8.68	267	297	A	H
		5455.71	50.62	-23.38	74	41.37	32.34	32.57	9.48	267	297	P	H
		5459.67	42.77	-11.23	54	33.52	32.34	32.57	9.48	267	297	A	H
		5114.45	50.98	-23.02	74	43.64	31.94	32.57	7.97	103	279	P	V
		5129.9	41.33	-12.67	54	33.85	31.96	32.57	8.09	103	279	A	V
	*	5244	103.51	-	-	95.3	32.1	32.57	8.68	103	279	P	V
	*	5244	95.55	-	-	87.34	32.1	32.57	8.68	103	279	A	V
		5355.5	51.65	-22.35	74	42.68	32.22	32.57	9.32	103	279	P	V
		5350.44	42.12	-11.88	54	33.15	32.22	32.57	9.32	103	279	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10359	39.12	-34.88	74	47.71	39.69	63.11	14.83	100	0	P	H
		15540	41.86	-32.14	74	38.7	38.04	60.19	25.31	100	0	P	H
													H
													H
		10359	38.07	-35.93	74	46.66	39.69	63.11	14.83	100	0	P	V
		15540	40.9	-33.1	74	37.74	38.04	60.19	25.31	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	39.38	-34.62	74	47.83	39.79	63.05	14.81	100	0	P	H
		15660	40.15	-33.85	74	36.59	37.85	60.17	25.88	100	0	P	H
													H
													H
		10440	39.9	-34.1	74	48.35	39.79	63.05	14.81	100	0	P	V
		15660	41.21	-32.79	74	37.65	37.85	60.17	25.88	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10479	37.56	-36.44	74	45.91	39.87	63.01	14.79	100	0	P	H
		15720	41.46	-32.54	74	37.62	37.74	60.16	26.26	100	0	P	H
													H
													H
		10479	38.4	-35.6	74	46.75	39.87	63.01	14.79	100	0	P	V
		15720	42.2	-31.8	74	38.36	37.74	60.16	26.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz
WIFI 802.11n HT20(Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11n HT20 CH 36 5180MHz		5139.8	60.98	-13.02	74	53.48	31.98	32.57	8.09	321	293	P	H	
		5149.85	47.99	-6.01	54	40.49	31.98	32.57	8.09	321	293	A	H	
	*	5180	104.28	-	-	96.65	32	32.57	8.2	321	293	P	H	
	*	5180	97.13	-	-	89.48	32.02	32.57	8.2	321	293	A	H	
													H	
													H	
			5148.05	63.25	-10.75	74	55.75	31.98	32.57	8.09	100	279	P	V
			5149.55	46.87	-7.13	54	39.37	31.98	32.57	8.09	100	279	A	V
	*		5180	102.98	-	-	95.33	32.02	32.57	8.2	100	279	P	V
	*		5180	94.65	-	-	87	32.02	32.57	8.2	100	279	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5146.7	51.91	-22.09	74	44.41	31.98	32.57	8.09	320	295	P	H	
		5147.6	42.22	-11.78	54	34.72	31.98	32.57	8.09	320	295	A	H	
	*	5224	104	-	-	96.07	32.06	32.57	8.44	320	295	P	H	
	*	5224	97.06	-	-	89.13	32.06	32.57	8.44	320	295	A	H	
			5430.85	51.4	-22.6	74	42.09	32.32	32.57	9.56	320	295	P	H
			5437.56	44	-10	54	34.69	32.32	32.57	9.56	320	295	A	H
			5129.9	51.12	-22.88	74	43.64	31.96	32.57	8.09	100	274	P	V
			5138.3	41.58	-12.42	54	34.1	31.96	32.57	8.09	100	274	A	V
	*		5220	102.86	-	-	94.91	32.08	32.57	8.44	100	274	P	V
	*		5220	94.95	-	-	87.02	32.06	32.57	8.44	100	274	A	V
		5364.41	50.27	-23.73	74	40.96	32.24	32.57	9.64	100	274	P	V	
		5437.34	43.02	-10.98	54	33.71	32.32	32.57	9.56	100	274	A	V	



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 48 5240MHz		5130.35	50.65	-23.35	74	43.17	31.96	32.57	8.09	260	296	P	H
		5021.75	42.01	-11.99	54	35	31.84	32.57	7.74	260	296	A	H
	*	5244	105.28	-	-	97.07	32.1	32.57	8.68	260	296	P	H
	*	5244	97.62	-	-	89.41	32.1	32.57	8.68	260	296	A	H
		5355.61	51.58	-22.42	74	42.61	32.22	32.57	9.32	260	296	P	H
		5458.24	43.32	-10.68	54	34.07	32.34	32.57	9.48	260	296	A	H
		5010.35	50.86	-23.14	74	43.87	31.82	32.57	7.74	101	275	P	V
		5130.65	41.34	-12.66	54	33.86	31.96	32.57	8.09	101	275	A	V
	*	5242	102.23	-	-	94.02	32.1	32.57	8.68	101	275	P	V
	*	5242	94.9	-	-	86.69	32.1	32.57	8.68	101	275	A	V
		5353.3	51.01	-22.99	74	42.04	32.22	32.57	9.32	101	275	P	V
		5458.46	42.39	-11.61	54	33.14	32.34	32.57	9.48	101	275	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		10359	37.9	-36.1	74	46.49	39.69	63.11	14.83	100	0	P	H
		15540	40.96	-33.04	74	37.8	38.04	60.19	25.31	100	0	P	H
													H
													H
		10359	38.49	-35.51	74	47.08	39.69	63.11	14.83	100	0	P	V
		15540	41.87	-32.13	74	38.71	38.04	60.19	25.31	100	0	P	V
													V
802.11n HT20 CH 44 5220MHz		10440	38.49	-35.51	74	46.94	39.79	63.05	14.81	100	0	P	H
		15660	43.17	-30.83	74	39.61	37.85	60.17	25.88	100	0	P	H
													H
													H
		10440	38.81	-35.19	74	47.26	39.79	63.05	14.81	100	0	P	V
		15660	42.77	-31.23	74	39.21	37.85	60.17	25.88	100	0	P	V
													V
802.11n HT20 CH 48 5240MHz		10479	38.37	-35.63	74	46.72	39.87	63.01	14.79	100	0	P	H
		15720	41.86	-32.14	74	38.02	37.74	60.16	26.26	100	0	P	H
													H
													H
		10479	37.89	-36.11	74	46.24	39.87	63.01	14.79	100	0	P	V
		15720	43.16	-30.84	74	39.32	37.74	60.16	26.26	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



**15E band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		5146.4	65.08	-8.92	74	57.58	31.98	32.57	8.09	128	253	P	H
		5149.55	49.46	-4.54	54	41.96	31.98	32.57	8.09	128	253	A	H
	*	5190	99.14	-	-	91.49	32.02	32.57	8.2	128	253	P	H
	*	5190	92.21	-	-	84.56	32.02	32.57	8.2	128	253	A	H
		5354.62	50.24	-23.76	74	41.27	32.22	32.57	9.32	128	253	P	H
		5357.37	41.66	-12.34	54	32.69	32.22	32.57	9.32	128	253	A	H
		5148.8	64.86	-9.14	74	57.36	31.98	32.57	8.09	100	274	P	V
		5148.95	49.44	-4.56	54	41.94	31.98	32.57	8.09	100	274	A	V
	*	5190	99.92	-	-	92.27	32.02	32.57	8.2	100	274	P	V
	*	5190	92.7	-	-	85.05	32.02	32.57	8.2	100	274	A	V
		5355.5	50.33	-23.67	74	41.36	32.22	32.57	9.32	100	274	P	V
		5359.35	41.89	-12.11	54	32.92	32.22	32.57	9.32	100	274	A	V
802.11n HT40 CH 46 5230MHz		5039.3	50.62	-23.38	74	43.59	31.86	32.57	7.74	149	248	P	H
		5122.4	41.69	-12.31	54	34.23	31.94	32.57	8.09	149	248	A	H
	*	5230	99.26	-	-	91.31	32.08	32.57	8.44	149	248	P	H
	*	5230	91.85	-	-	83.9	32.08	32.57	8.44	149	248	A	H
		5434.26	50.35	-23.65	74	41.04	32.32	32.57	9.56	149	248	P	H
		5368.7	41.86	-12.14	54	32.55	32.24	32.57	9.64	149	248	A	H
		5133.95	51.43	-22.57	74	43.95	31.96	32.57	8.09	100	264	P	V
		5136.95	41.86	-12.14	54	34.38	31.96	32.57	8.09	100	264	A	V
	*	5230	100.53	-	-	92.58	32.08	32.57	8.44	100	264	P	V
	*	5230	92.83	-	-	84.88	32.08	32.57	8.44	100	264	A	V
		5426.34	50.05	-23.95	74	40.76	32.3	32.57	9.56	100	264	P	V
		5359.02	42.14	-11.86	54	33.17	32.22	32.57	9.32	100	264	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		10380	38.97	-35.03	74	47.52	39.71	63.09	14.83	100	0	P	H
		15570	40.4	-33.6	74	37.1	37.99	60.19	25.5	100	0	P	H
													H
													H
802.11n HT40 CH 46 5230MHz		10380	39.52	-34.48	74	48.07	39.71	63.09	14.83	100	0	P	V
		15570	41.21	-32.79	74	37.91	37.99	60.19	25.5	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	37.48	-36.52	74	45.89	39.82	63.04	14.81	100	0	P	H
		15690	41.96	-32.04	74	38.25	37.8	60.16	26.07	100	0	P	H
													H
													H
802.11n HT40 CH 46 5230MHz		10460	37.32	-36.68	74	45.73	39.82	63.04	14.81	100	0	P	V
		15690	42.18	-31.82	74	38.47	37.8	60.16	26.07	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		5145.5	60.05	-13.95	74	52.55	31.98	32.57	8.09	100	244	P	H
		5148.2	50.62	-3.38	54	43.12	31.98	32.57	8.09	100	244	A	H
	*	5208	97.21	-	-	89.28	32.06	32.57	8.44	100	244	P	H
	*	5208	89.9	-	-	81.97	32.06	32.57	8.44	100	244	A	H
		5378.71	49.97	-24.03	74	40.64	32.26	32.57	9.64	100	244	P	H
		5351.98	42.63	-11.37	54	33.66	32.22	32.57	9.32	100	244	A	H
		5137.1	61.58	-12.42	74	54.1	31.96	32.57	8.09	261	267	P	V
		5148.95	50.91	-3.09	54	43.41	31.98	32.57	8.09	261	267	A	V
	*	5212	97.36	-	-	89.43	32.06	32.57	8.44	261	267	P	V
	*	5212	89.53	-	-	81.6	32.06	32.57	8.44	261	267	A	V
		5351.32	51.19	-22.81	74	42.22	32.22	32.57	9.32	261	267	P	V
		5359.9	42	-12	54	33.03	32.22	32.57	9.32	261	267	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80		10420	38.81	-35.19	74	47.29	39.77	63.07	14.82	100	0	P	H
		15630	41.36	-32.64	74	37.96	37.88	60.17	25.69	100	0	P	H
													H
													H
CH 42 5210MHz		10420	38.85	-35.15	74	47.33	39.77	63.07	14.82	100	0	P	V
		15630	41.13	-32.87	74	37.73	37.88	60.17	25.69	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5103.05	50.96	-23.04	74	43.64	31.92	32.57	7.97	105	252	P	H
		5040.95	41.42	-12.58	54	34.39	31.86	32.57	7.74	105	252	A	H
	*	5259	101.88	-	-	93.65	32.12	32.57	8.68	105	252	P	H
	*	5259	93.73	-	-	85.5	32.12	32.57	8.68	105	252	A	H
		5361.33	50.11	-23.89	74	41.12	32.24	32.57	9.32	105	252	P	H
		5371.45	41.93	-12.07	54	32.62	32.24	32.57	9.64	105	252	A	H
		5080.25	50.91	-23.09	74	43.72	31.9	32.57	7.86	100	279	P	V
		5040.8	41.39	-12.61	54	34.36	31.86	32.57	7.74	100	279	A	V
	*	5262	100.17	-	-	91.94	32.12	32.57	8.68	100	279	P	V
	*	5262	93	-	-	84.77	32.12	32.57	8.68	100	279	A	V
		5363.53	50.69	-23.31	74	41.38	32.24	32.57	9.64	100	279	P	V
		5368.04	41.75	-12.25	54	32.44	32.24	32.57	9.64	100	279	A	V
802.11a CH 60 5300MHz		5111	52.08	-21.92	74	44.74	31.94	32.57	7.97	270	246	P	H
		5079.2	41.44	-12.56	54	34.25	31.9	32.57	7.86	270	246	A	H
	*	5298	103.55	-	-	94.96	32.16	32.57	9	270	246	P	H
	*	5298	95.74	-	-	87.15	32.16	32.57	9	270	246	A	H
		5352.2	52.62	-21.38	74	43.65	32.22	32.57	9.32	270	246	P	H
		5377.94	44.31	-9.69	54	34.98	32.26	32.57	9.64	270	246	A	H
		5130.2	50.76	-23.24	74	43.28	31.96	32.57	8.09	100	266	P	V
		5132	41.24	-12.76	54	33.76	31.96	32.57	8.09	100	266	A	V
	*	5300	102.33	-	-	93.74	32.16	32.57	9	100	266	P	V
	*	5300	94.28	-	-	85.69	32.16	32.57	9	100	266	A	V
		5362.98	51.64	-22.36	74	42.33	32.24	32.57	9.64	100	266	P	V
		5376.95	43.33	-10.67	54	34.02	32.24	32.57	9.64	100	266	A	V



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 64 5320MHz	*	5322	103.96	-	-	95.03	32.18	32.57	9.32	263	297	P	H
	*	5322	96.59	-	-	87.66	32.18	32.57	9.32	263	297	A	H
		5353.3	54.86	-19.14	74	45.89	32.22	32.57	9.32	263	297	P	H
		5357.59	44.44	-9.56	54	35.47	32.22	32.57	9.32	263	297	A	H
													H
													H
	*	5318	102.88	-	-	94.27	32.18	32.57	9	103	280	P	V
	*	5318	94.62	-	-	86.01	32.18	32.57	9	103	280	A	V
		5377.72	52.68	-21.32	74	43.35	32.26	32.57	9.64	103	280	P	V
		5353.41	43.88	-10.12	54	34.91	32.22	32.57	9.32	103	280	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 2 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		10521	39.44	-34.56	74	47.7	39.91	62.99	14.82	100	0	P	H
		15780	42.93	-31.07	74	38.96	37.66	60.14	26.45	100	0	P	H
													H
													H
		10521	38.55	-35.45	74	46.81	39.91	62.99	14.82	100	0	P	V
		15780	41.54	-32.46	74	37.57	37.66	60.14	26.45	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10599	38.28	-35.72	74	46.39	39.98	62.96	14.87	100	0	P	H
		15900	40.78	-33.22	74	36.42	37.47	60.12	27.01	100	0	P	H
													H
													H
		10599	38.83	-35.17	74	46.94	39.98	62.96	14.87	100	0	P	V
		15900	41.34	-32.66	74	36.98	37.47	60.12	27.01	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10641	37.88	-36.12	74	45.91	40.01	62.94	14.9	100	0	P	H
		15960	42.19	-31.81	74	37.55	37.36	60.11	27.39	100	0	P	H
													H
													H
		10641	37.87	-36.13	74	45.9	40.01	62.94	14.9	100	0	P	V
		15960	42.82	-31.18	74	38.18	37.36	60.11	27.39	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		5113.25	51.55	-22.45	74	44.21	31.94	32.57	7.97	270	245	P	H
		5040.95	41.65	-12.35	54	34.62	31.86	32.57	7.74	270	245	A	H
	*	5264	102.64	-	-	94.41	32.12	32.57	8.68	270	245	P	H
	*	5264	94.97	-	-	86.74	32.12	32.57	8.68	270	245	A	H
		5360.45	50.15	-23.85	74	41.18	32.22	32.57	9.32	270	245	P	H
		5371.67	42.26	-11.74	54	32.95	32.24	32.57	9.64	270	245	A	H
		5098.1	51.13	-22.87	74	43.81	31.92	32.57	7.97	100	280	P	V
		5135.3	41.22	-12.78	54	33.74	31.96	32.57	8.09	100	280	A	V
	*	5256	101.17	-	-	92.96	32.1	32.57	8.68	100	280	P	V
	*	5256	94.33	-	-	86.12	32.1	32.57	8.68	100	280	A	V
		5368.92	51.05	-22.95	74	41.74	32.24	32.57	9.64	100	280	P	V
		5375.08	41.89	-12.11	54	32.58	32.24	32.57	9.64	100	280	A	V
802.11n HT20 CH 60 5300MHz		5104.25	50.33	-23.67	74	43.01	31.92	32.57	7.97	274	300	P	H
		5079.05	42.31	-11.69	54	35.12	31.9	32.57	7.86	274	300	A	H
	*	5300	103.75	-	-	95.16	32.16	32.57	9	274	300	P	H
	*	5300	94.7	-	-	86.11	32.16	32.57	9	274	300	A	H
		5352.42	52.44	-21.56	74	43.47	32.22	32.57	9.32	274	300	P	H
		5378.49	43.66	-10.34	54	34.33	32.26	32.57	9.64	274	300	A	H
		5019.05	51.01	-22.99	74	44.02	31.82	32.57	7.74	104	288	P	V
		5079.35	41.42	-12.58	54	34.23	31.9	32.57	7.86	104	288	A	V
	*	5300	102.38	-	-	93.79	32.16	32.57	9	104	288	P	V
	*	5300	94.29	-	-	85.7	32.16	32.57	9	104	288	A	V
		5377.28	51.61	-22.39	74	42.3	32.24	32.57	9.64	104	288	P	V
		5381.9	43.66	-10.34	54	34.33	32.26	32.57	9.64	104	288	A	V



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 64 5320MHz	*	5320	103.85	-	-	95.24	32.18	32.57	9	261	299	P	H
	*	5320	96.03	-	-	87.42	32.18	32.57	9	261	299	A	H
		5355.17	55.03	-18.97	74	46.06	32.22	32.57	9.32	261	299	P	H
		5351.1	44.88	-9.12	54	35.91	32.22	32.57	9.32	261	299	A	H
													H
													H
	*	5324	102.66	-	-	93.73	32.18	32.57	9.32	102	284	P	V
	*	5324	95.06	-	-	86.13	32.18	32.57	9.32	102	284	A	V
		5351.54	54.9	-19.1	74	45.93	32.22	32.57	9.32	102	284	P	V
		5351.1	44.25	-9.75	54	35.28	32.22	32.57	9.32	102	284	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		10521	37.84	-36.16	74	46.1	39.91	62.99	14.82	100	0	P	H
		15780	43.3	-30.7	74	39.33	37.66	60.14	26.45	100	0	P	H
													H
													H
		10521	38.58	-35.42	74	46.84	39.91	62.99	14.82	100	0	P	V
		15780	43.21	-30.79	74	39.24	37.66	60.14	26.45	100	0	P	V
													V
802.11n HT20 CH 60 5300MHz		10599	38.14	-35.86	74	46.25	39.98	62.96	14.87	100	0	P	H
		15900	39.86	-34.14	74	35.5	37.47	60.12	27.01	100	0	P	H
													H
													H
		10599	37.81	-36.19	74	45.92	39.98	62.96	14.87	100	0	P	V
		15900	40.8	-33.2	74	36.44	37.47	60.12	27.01	100	0	P	V
													V
802.11n HT20 CH 64 5320MHz		10641	38.72	-35.28	74	46.75	40.01	62.94	14.9	100	0	P	H
		15960	42.09	-31.91	74	37.45	37.36	60.11	27.39	100	0	P	H
													H
													H
		10641	38.14	-35.86	74	46.17	40.01	62.94	14.9	100	0	P	V
		15960	43.35	-30.65	74	38.71	37.36	60.11	27.39	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



**15E band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		5045.3	50.62	-23.38	74	43.47	31.86	32.57	7.86	122	345	P	H
		5138.3	41.32	-12.68	54	33.84	31.96	32.57	8.09	122	345	A	H
	*	5270	96.6	-	-	88.37	32.12	32.57	8.68	122	345	P	H
	*	5270	89.01	-	-	80.78	32.12	32.57	8.68	122	345	P	H
		5382.45	50.05	-23.95	74	40.72	32.26	32.57	9.64	122	345	P	H
		5360.12	41.96	-12.04	54	32.99	32.22	32.57	9.32	122	345	A	H
		5037.05	50.05	-23.95	74	43.04	31.84	32.57	7.74	100	275	P	V
		5129.3	41.48	-12.52	54	34	31.96	32.57	8.09	100	275	A	V
	*	5270	99.21	-	-	90.98	32.12	32.57	8.68	100	275	P	V
	*	5270	91.8	-	-	83.57	32.12	32.57	8.68	100	275	A	V
		5351.21	50.62	-23.38	74	41.65	32.22	32.57	9.32	100	275	P	V
		5358.8	42.33	-11.67	54	33.36	32.22	32.57	9.32	100	275	A	V
802.11n HT40 CH 62 5310MHz		5068.4	50.56	-23.44	74	43.39	31.88	32.57	7.86	262	244	P	H
		5091.8	41.25	-12.75	54	33.93	31.92	32.57	7.97	262	244	A	H
	*	5310	99.11	-	-	90.5	32.18	32.57	9	262	244	P	H
	*	5310	91.66	-	-	83.05	32.18	32.57	9	262	244	A	H
		5354.29	58.68	-15.32	74	49.71	32.22	32.57	9.32	262	244	P	H
		5350.44	48.21	-5.79	54	39.24	32.22	32.57	9.32	262	244	A	H
		5097.2	51.33	-22.67	74	44.01	31.92	32.57	7.97	100	283	P	V
		5138	41.19	-12.81	54	33.71	31.96	32.57	8.09	100	283	A	V
	*	5310	98.85	-	-	90.24	32.18	32.57	9	100	283	P	V
	*	5310	91.24	-	-	82.63	32.18	32.57	9	100	283	A	V
		5355.83	59.89	-14.11	74	50.92	32.22	32.57	9.32	100	283	P	V
		5352.09	48.14	-5.86	54	39.17	32.22	32.57	9.32	100	283	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		10540	37.11	-36.89	74	45.35	39.93	62.99	14.82	100	0	P	H
		15810	41.43	-32.57	74	37.34	37.6	60.14	26.63	100	0	P	H
													H
													H
		10540	39.15	-34.85	74	47.39	39.93	62.99	14.82	100	0	P	V
		15810	42.46	-31.54	74	38.37	37.6	60.14	26.63	100	0	P	V
													V
802.11n HT40 CH 62 5310MHz		10620	38.15	-35.85	74	46.23	40	62.95	14.87	100	0	P	H
		15930	40.86	-33.14	74	36.36	37.41	60.11	27.2	100	0	P	H
													H
													H
		10620	37.53	-36.47	74	45.61	40	62.95	14.87	100	0	P	V
		15930	41.24	-32.76	74	36.74	37.41	60.11	27.2	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



**15E band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		5078.9	49.96	-24.04	74	42.77	31.9	32.57	7.86	100	244	P	H
		5123	41.82	-12.18	54	34.34	31.96	32.57	8.09	100	244	A	H
	*	5292	94.72	-	-	86.15	32.14	32.57	9	100	244	P	H
	*	5292	88.3	-	-	79.73	32.14	32.57	9	100	244	A	H
		5352.97	59.21	-14.79	74	50.24	32.22	32.57	9.32	100	244	P	H
		5350.99	49.71	-4.29	54	40.74	32.22	32.57	9.32	100	244	A	H
		5107.55	50.89	-23.11	74	43.55	31.94	32.57	7.97	101	52	P	V
		5062.4	41.8	-12.2	54	34.63	31.88	32.57	7.86	101	52	A	V
	*	5288	94.25	-	-	85.68	32.14	32.57	9	101	52	P	V
	*	5288	87.2	-	-	78.63	32.14	32.57	9	101	52	A	V
		5353.74	57.46	-16.54	74	48.49	32.22	32.57	9.32	101	52	P	V
	5357.81	47.82	-6.18	54	38.85	32.22	32.57	9.32	101	52	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80		10580	38.94	-35.06	74	47.09	39.97	62.97	14.85	100	0	P	H
		15870	38.55	-35.45	74	34.36	37.49	60.12	26.82	100	0	P	H
													H
													H
CH 58 5290MHz		10580	37.89	-36.11	74	46.04	39.97	62.97	14.85	100	0	P	V
		15870	40.27	-33.73	74	36.08	37.49	60.12	26.82	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E Band 3 - 5470~5725MHz

WiFi 802.11a (Band Edge @ 3m)

WiFi	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 100 5500MHz		5466.16	51.16	-22.84	74	41.89	32.36	32.57	9.48	246	245	P	H	
		5469.84	43.44	-10.56	54	34.17	32.36	32.57	9.48	246	245	A	H	
	*	5500	101.7	-	-	92.48	32.38	32.57	9.41	246	245	P	H	
	*	5500	94.63	-	-	85.39	32.4	32.57	9.41	246	245	A	H	
													H	
														H
			5445.68	50.98	-23.02	74	41.73	32.34	32.57	9.48	101	277	P	V
			5468.4	43.06	-10.94	54	33.79	32.36	32.57	9.48	101	277	A	V
	*		5500	100.88	-	-	91.66	32.38	32.57	9.41	101	277	P	V
	*		5500	93.39	-	-	84.15	32.4	32.57	9.41	101	277	A	V
														V
														V
802.11a CH 116 5580MHz		5386	49.91	-24.09	74	40.58	32.26	32.57	9.64	249	250	P	H	
		5468.24	41.37	-12.63	54	32.1	32.36	32.57	9.48	249	250	A	H	
	*	5576	101.03	-	-	92.91	32.44	32.6	8.28	249	250	P	H	
	*	5576	93.83	-	-	85.71	32.44	32.6	8.28	249	250	A	H	
			5753.8	51.36	-22.64	74	43.14	32.56	32.67	8.33	249	250	P	H
			5725.64	41.4	-12.6	54	33.2	32.53	32.66	8.33	249	250	A	H
			5438	49.43	-24.57	74	40.12	32.32	32.57	9.56	100	269	P	V
			5468.88	41.41	-12.59	54	32.14	32.36	32.57	9.48	100	269	A	V
	*		5576	99.65	-	-	91.53	32.44	32.6	8.28	100	269	P	V
	*		5576	92.38	-	-	84.26	32.44	32.6	8.28	100	269	A	V
			5762.28	50.07	-23.93	74	41.76	32.56	32.67	8.42	100	269	P	V
			5726.52	41.23	-12.77	54	33.03	32.53	32.66	8.33	100	269	A	V



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 140 5700MHz	*	5703	101.94	-	-	93.83	32.52	32.65	8.24	253	295	P	H
	*	5703	94.75	-	-	86.64	32.52	32.65	8.24	253	295	A	H
		5729.48	54.52	-19.48	74	46.32	32.53	32.66	8.33	253	295	P	H
		5725.56	44.02	-9.98	54	35.82	32.53	32.66	8.33	253	295	A	H
													H
													H
	*	5700	100.09	-	-	91.99	32.52	32.66	8.24	102	270	P	V
	*	5700	92.36	-	-	84.26	32.51	32.65	8.24	102	270	A	V
		5726.44	55.67	-18.33	74	47.47	32.53	32.66	8.33	102	270	P	V
		5725.56	42.68	-11.32	54	34.48	32.53	32.66	8.33	102	270	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11001	38.2	-35.8	74	45.55	40.3	62.8	15.15	100	0	P	H
		16500	42.05	-31.95	74	36.73	38.8	59.4	25.92	100	0	P	H
													H
													H
		11001	38.42	-35.58	74	45.77	40.3	62.8	15.15	100	0	P	V
		16500	42	-32	74	36.68	38.8	59.4	25.92	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	38.57	-35.43	74	45.64	40.2	62.8	15.53	100	0	P	H
		16740	44.09	-29.91	74	36.92	39.57	59.69	27.29	100	0	P	H
													H
													H
		11160	38.71	-35.29	74	45.78	40.2	62.8	15.53	100	0	P	V
		16740	43.96	-30.04	74	36.79	39.57	59.69	27.29	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	37.96	-36.04	74	44.59	40.06	62.8	16.11	100	0	P	H
		17100	47.5	-26.5	74	38.03	40.68	60.06	28.85	100	0	P	H
													H
													H
		11400	38.01	-35.99	74	44.64	40.06	62.8	16.11	100	0	P	V
		17100	48.51	-25.49	74	39.04	40.68	60.06	28.85	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11n HT20 CH 100 5500MHz		5466.64	53	-21	74	43.73	32.36	32.57	9.48	257	252	P	H	
		5462.64	44.17	-9.83	54	34.9	32.36	32.57	9.48	257	252	A	H	
	*	5500	101.38	-	-	92.14	32.4	32.57	9.41	257	252	P	H	
	*	5500	95.15	-	-	85.91	32.4	32.57	9.41	257	252	A	H	
													H	
													H	
														V
														V
														V
														V
802.11n HT20 CH 116 5580MHz		5352.88	50.63	-23.37	74	41.66	32.22	32.57	9.32	251	249	P	H	
		5453.84	42.06	-11.94	54	32.81	32.34	32.57	9.48	251	249	A	H	
	*	5580	102.35	-	-	94.24	32.44	32.61	8.28	251	249	P	H	
	*	5580	95.65	-	-	87.54	32.44	32.61	8.28	251	249	A	H	
													H	
													H	
														V
														V
														V
														V



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 140 5700MHz	*	5700	102.17	-	-	94.07	32.51	32.65	8.24	328	294	P	H
	*	5700	95.92	-	-	87.82	32.51	32.65	8.24	328	294	A	H
		5726.52	52.98	-21.02	74	44.78	32.53	32.66	8.33	328	294	P	H
		5726.12	45.65	-8.35	54	37.45	32.53	32.66	8.33	328	294	A	H
													H
													H
	*	5700	100.31	-	-	92.21	32.51	32.65	8.24	100	262	P	V
	*	5700	92.92	-	-	84.82	32.51	32.65	8.24	100	262	A	V
		5725.32	51.24	-22.76	74	43.04	32.53	32.66	8.33	100	262	P	V
		5725.88	44.43	-9.57	54	36.23	32.53	32.66	8.33	100	262	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		11001	37.81	-36.19	74	45.16	40.3	62.8	15.15	100	0	P	H
		16500	42.71	-31.29	74	37.39	38.8	59.4	25.92	100	0	P	H
													H
													H
		11001	39.06	-34.94	74	46.41	40.3	62.8	15.15	100	0	P	V
		16500	42.79	-31.21	74	37.47	38.8	59.4	25.92	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	38.03	-35.97	74	45.1	40.2	62.8	15.53	100	0	P	H
		16740	45.04	-28.96	74	37.87	39.57	59.69	27.29	100	0	P	H
													H
													H
		11160	37.61	-36.39	74	44.68	40.2	62.8	15.53	100	0	P	V
		16740	45.3	-28.7	74	38.13	39.57	59.69	27.29	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	38.76	-35.24	74	45.39	40.06	62.8	16.11	100	0	P	H
		17100	49.69	-24.31	74	40.22	40.68	60.06	28.85	100	0	P	H
													H
													H
		11400	36.63	-37.37	74	43.26	40.06	62.8	16.11	100	0	P	V
		17100	48.34	-25.66	74	38.87	40.68	60.06	28.85	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		5128.55	49.99	-24.01	74	42.51	31.96	32.57	8.09	125	249	P	H
		5051	41.28	-12.72	54	34.13	31.86	32.57	7.86	125	249	A	H
	*	5510	96.87	-	-	87.64	32.4	32.58	9.41	125	249	P	H
	*	5510	90.28	-	-	81.05	32.4	32.58	9.41	125	249	A	H
		5454.83	50.58	-23.42	74	41.33	32.34	32.57	9.48	125	249	P	H
		5459.78	43.29	-10.71	54	34.04	32.34	32.57	9.48	125	249	A	H
		5020.25	51.05	-22.95	74	44.06	31.82	32.57	7.74	100	279	P	V
		5050.7	41.12	-12.88	54	33.97	31.86	32.57	7.86	100	279	A	V
	*	5510	96.97	-	-	87.74	32.4	32.58	9.41	100	279	P	V
	*	5510	90.6	-	-	81.37	32.4	32.58	9.41	100	279	A	V
		5449.55	50.21	-23.79	74	40.96	32.34	32.57	9.48	100	279	P	V
		5460	43	-11	54	33.75	32.34	32.57	9.48	100	279	A	V
802.11n HT40 CH 110 5550MHz		5369.68	49.53	-24.47	74	40.22	32.24	32.57	9.64	141	249	P	H
		5468.88	41.71	-12.29	54	32.44	32.36	32.57	9.48	141	249	A	H
	*	5550	96.73	-	-	88.05	32.43	32.59	8.84	141	249	P	H
	*	5550	90.82	-	-	82.14	32.43	32.59	8.84	141	249	A	H
		5756.04	49.91	-24.09	74	41.69	32.56	32.67	8.33	141	249	P	H
		5747.64	41.14	-12.86	54	32.94	32.54	32.67	8.33	141	249	A	H
		5354.16	50.24	-23.76	74	41.27	32.22	32.57	9.32	100	276	P	V
		5463.6	41.61	-12.39	54	32.34	32.36	32.57	9.48	100	276	A	V
	*	5550	96.37	-	-	87.69	32.43	32.59	8.84	100	276	P	V
	*	5550	90.12	-	-	81.44	32.43	32.59	8.84	100	276	A	V
		5751.72	50.68	-23.32	74	42.46	32.56	32.67	8.33	100	276	P	V
		5757.56	41.17	-12.83	54	32.95	32.56	32.67	8.33	100	276	A	V



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 134 5670MHz		5449.04	50.22	-23.78	74	40.97	32.34	32.57	9.48	253	250	P	H
		5437.52	41.15	-12.85	54	31.84	32.32	32.57	9.56	253	250	A	H
	*	5670	96.29	-	-	88.28	32.5	32.64	8.15	253	250	P	H
	*	5670	89.66	-	-	81.65	32.5	32.64	8.15	253	250	A	H
		5731.8	51.33	-22.67	74	43.14	32.53	32.67	8.33	253	250	P	H
		5725.08	42.05	-11.95	54	33.85	32.53	32.66	8.33	253	250	A	H
		5361.68	49.48	-24.52	74	40.17	32.24	32.57	9.64	100	269	P	V
		5429.2	41.2	-12.8	54	31.89	32.32	32.57	9.56	100	269	A	V
	*	5670	95.31	-	-	87.3	32.5	32.64	8.15	100	269	P	V
	*	5670	88.05	-	-	80.04	32.5	32.64	8.15	100	269	A	V
		5762.52	50.54	-23.46	74	42.23	32.56	32.67	8.42	100	269	P	V
		5728.28	41.68	-12.32	54	33.48	32.53	32.66	8.33	100	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**15E band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		11020	39.75	-34.25	74	47.11	40.29	62.8	15.15	100	0	P	H
		16530	41.18	-32.82	74	35.56	38.91	59.44	26.15	100	0	P	H
													H
													H
		11020	40.97	-33.03	74	48.33	40.29	62.8	15.15	100	0	P	V
		16530	41.63	-32.37	74	36.01	38.91	59.44	26.15	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	41.34	-32.66	74	48.56	40.24	62.8	15.34	100	0	P	H
		16650	42.29	-31.71	74	35.74	39.3	59.59	26.84	100	0	P	H
													H
													H
		11100	40.19	-33.81	74	47.41	40.24	62.8	15.34	100	0	P	V
		16650	42.28	-31.72	74	35.73	39.3	59.59	26.84	100	0	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	39.28	-34.72	74	46.06	40.1	62.8	15.92	100	0	P	H
		17010	44.27	-29.73	74	34.94	40.45	60.01	28.89	100	0	P	H
													H
													H
		11340	38.75	-35.25	74	45.53	40.1	62.8	15.92	100	0	P	V
		17010	45.94	-28.06	74	36.61	40.45	60.01	28.89	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



**15E band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		5469.04	54.61	-19.39	74	45.34	32.36	32.57	9.48	100	293	P	H
		5461.52	47.19	-6.81	54	37.94	32.34	32.57	9.48	100	293	A	H
	*	5528	93.91	-	-	85.25	32.41	32.59	8.84	100	293	P	H
	*	5528	87.39	-	-	78.73	32.41	32.59	8.84	100	293	A	H
		5744.84	50.23	-23.77	74	42.03	32.54	32.67	8.33	100	293	P	H
		5727.08	41.61	-12.39	54	33.41	32.53	32.66	8.33	100	293	A	H
		5436.88	52.89	-21.11	74	43.58	32.32	32.57	9.56	100	49	P	V
		5469.36	45.08	-8.92	54	35.81	32.36	32.57	9.48	100	49	A	V
	*	5532	91.32	-	-	82.65	32.42	32.59	8.84	100	49	P	V
	*	5532	84.57	-	-	75.9	32.42	32.59	8.84	100	49	A	V
		5740.12	49.97	-24.03	74	41.77	32.54	32.67	8.33	100	49	P	V
	5761.24	41.35	-12.65	54	33.13	32.56	32.67	8.33	100	49	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80		11060	39.64	-34.36	74	46.94	40.26	62.8	15.24	100	0	P	H
		16590	42.84	-31.16	74	36.88	39.08	59.5	26.38	100	0	P	H
													H
													H
CH 106 5530MHz		11060	39.29	-34.71	74	46.59	40.26	62.8	15.24	100	0	P	V
		16590	43.55	-30.45	74	37.59	39.08	59.5	26.38	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E Emission below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a LF		40.53	30.59	-9.41	40	48.72	13.94	32.8	0.73	100	0	P	H	
		131.79	29.88	-13.62	43.5	49.1	11.98	32.66	1.46			P	H	
		139.08	31.3	-12.2	43.5	50.6	11.91	32.67	1.46			P	H	
		782.3	22.78	-23.22	46	30.49	21.93	32.9	3.26			P	H	
		948.2	26.04	-19.96	46	30.04	24.28	31.78	3.5			P	H	
		983.9	25.91	-28.09	54	29.29	24.17	31.39	3.84			P	H	
														H
														H
														H
														H
														H
														H
														H
			41.34	36.69	-3.31	40	55.38	13.38	32.8	0.73	100	60	QP	V
			41.34	39.4	-0.6	40	58.09	13.38	32.8	0.73	100	60	P	V
			94.26	27.92	-15.58	43.5	49.64	9.68	32.65	1.25			P	V
			141.78	28.23	-15.27	43.5	47.59	11.85	32.67	1.46			P	V
			731.2	21.99	-24.01	46	30.49	21.23	32.96	3.23			P	V
			874	23.27	-22.73	46	29.52	22.84	32.46	3.37			P	V
			953.8	26.7	-19.3	46	30.64	24.28	31.72	3.5			P	V
													V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency per 15.209(c).
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

- Level(dBμV/m) =
Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

- Level(dBμV/m)
= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
- Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

- Level(dBμV/m)
= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
- Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.